

## NLRB ELECTION SET FEBRUARY 13, 14, 15



Thomas A. McKenzie



Gentry L. Underwood

### Underwood Named Plant Protection Head; McKenzie Transferred To Paducah Project

**New Superintendent Was Plant Shift Supervisor; Both Veterans Of Y-12 Service, Coming In 1943**

Gentry L. Underwood, Plant Shift Supervisor in Y-12 since November 1, 1947, has been appointed Superintendent of Plant Protection. He succeeds Thomas A. McKenzie, who has headed the Plant Protection Division since November 12, 1944. McKenzie has been transferred to the Paducah project of Carbide and will take over his new duties there in the near future.

Both the former and new Plant Protection Superintendents are veterans in Y-12 service. McKenzie came to work in Y-12 on June 17, 1943, being assigned Badge No. 481. Gentry was not far behind, being employed here July 19, 1943, and having Badge No. 1041.

The newly-appointed superintendent is a native of Terry, Miss., about 15 miles south of Jackson. After graduating from high school he attended Vanderbilt University and the University of Mississippi, graduating from the latter institution in 1925, with an engineering degree.

#### Came Here From Holston

After graduating from the university he became an assistant state sanitary engineer with the Mississippi State Board of Health, holding that position for eight years. He later became connected with the Wilson, Bell and Watkins engineering firm and engaged in cantonment and ordnance plant planning for the government. In this capacity he worked at Camp Campbell, Ky., the Crab Orchard Ordnance Plant at Marion, Ill., and a project at Corinth, Miss. He then went with the architectural engineering firm of Charles T. Main and Sons, of Boston, Mass. While with this organization he was posted at the Holston Ordnance Works at Kingsport, leaving there to come to Y-12.

He has held varied positions in Y-12, first becoming an operational foreman, shift supervisor and assistant department superintendent in operational departments. In 1944 he spent two months at the University of California learning new techniques for developing the electro-magnetic process.

Underwood is married and lives at 101 Orchard Lane. A daughter,

### Y-12 Absentee Mark Stays At Two Per Cent

Although failing to equal its perfect attendance record posted during the week ending January 21, the Electrical Maintenance Department continued to lead the Major League for the week ending January 28 by recording only .3 per cent of absenteeism for the period. Meanwhile, with eight departments, all in the Minor League, reporting perfect attendance for the latest reporting period the plant-wide absentee mark was an even two per cent, the same as for the preceding week.

#### Chemical Takes Second

Second place in the Major League went to the Chemical Department, which posted an absentee record of 1.1 per cent. Close behind with a record of 1.20 per cent was Field Maintenance. Chemical was in fourth place for the week ending January 28 and Field Maintenance was fifth.

Only four of the Minor League

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Ann, is a pupil at Jefferson Junior High School.

McKenzie is a native Tennessean, having been born in Decatur, Meigs County. For several years prior to coming to work at Y-12 he was connected with the Tennessee Valley Authority. At various times he was stationed at Knoxville, Douglas, Cherokee, Watts Bar and Chicamauga Dams in different capacities.

McKenzie is the father of two daughters, Vivian, a pupil at the University of Chattanooga; and Carolyn, who is attending the Oak Ridge High School. The McKenzies live at 116 East Geneva Lane.

## Continuation Of Direct Employee Relationship With Company Or Union Representation Is Issue; Unions Mostly Fail In 'Organizing' Y-12 Folks

### History Of Attempts To Organize Y-12ers Since 1946 Described

Unions have been making unsuccessful attempts to "organize" employees of the Y-12 Plant almost since the start of operations.

Prior to the summer of 1946 a number of petitions were filed by unions, alleging that they represented a majority of employees in various divisions, departments and groups. These petitions were either withdrawn or discharged by the National Labor Relations Board.

On June 25, 1946, a petition was filed for an election by employees under the National Labor Relations Act by the Atomic Trades and Labor Council, A. F. of L. The Atomic Workers Organizing Committee, CIO, joined in the petition.

#### First Election In 1946

After the petition was filed the National Labor Relations Board appointed special representatives to investigate possible bargaining units and other matters concerned with representation of employees. As a result of this investigation an election was held at the Y-12 Plant on August 20, 21 and 22, 1946. The result of this election was as follows:

AFL	1,721 votes
CIO	1,531 votes
Neither	2,579 votes

Since none of the three choices received a majority vote, the election was declared inconclusive and a run-off election was ordered. This run-off election was held September 9, 10, 11 and 12, 1946, with the following results:

AFL	2,503 votes
No Union	3,120 votes

On the basis of these results, no union was certified and the employees continued their direct relationship with the Company rather than being represented in this relationship by a union.

#### History Since 1947 Given

Below is set forth a history of the efforts of various labor organizations to gain recognition among employees of the Y-12 Plant since Carbide assumed operation of this plant in May, 1947:

On July 10, 1947, the International Association of Machinists filed a petition in Case No. 10-R-2791. This petition was subsequently withdrawn.

On October 20, 1947, the International Brotherhood of Electrical Workers, A. F. of L., filed a petition in Case No. 10-RC-27, which was later withdrawn.

#### Y-12 Firemen Reject Union

On January 19, 1948, the United Gas, Coke and Chemical Workers of America, CIO, filed a petition in Case No. 10-RC-76, for a unit of fire fighters. The Atomic Trades and Labor Council, A. F. of L., intervened, and an election was held on October 11, 12 and

### SAFETY SCOREBOARD

Your Plant Has Operated

Four Days

Without A Lost Time Accident

Through February 4

13, 1948. Since a majority of employees voted "Neither," the petition was dismissed.

The vote in this election was as follows:

AFL	13
CIO	6
Neither	31

On April 19, 1948, the International Association of Machinists filed a petition in Case No. 10-RC-201. The International Brotherhood of Electrical Workers filed a petition in Case No. 10-RC-571 on April 11, 1949; and on July 29, 1949, the United Gas, Coke and Chemical Workers, CIO, filed a petition in Case No. 10-RC-694. These petitions were consolidated by the National Labor Relations Board for a hearing in July, 1949. Following this hearing the National Labor Relations Board dismissed these petitions, and did not order an election among Y-12 employees.

#### Units Declared Inappropriate

On May 28, 1948, the United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada, A. F. of L., filed a petition in Case No. 10-RC-248. This petition was dismissed as the unit was inappropriate.

On June 3, 1948, the International Brotherhood of Electrical Workers filed a petition in Case No. 10-RC-252. This case was dismissed because the unit was inappropriate.

On June 11, 1948, the International Association of Heat and Frost Insulators and Asbestos Workers filed a petition in Case No. 10-RC-263, which also was dismissed because the unit was inappropriate.

#### Guards Vote For Union

On June 6, 1949, the Oak Ridge Guards Union, Local No. 3, International Guards Union of America, filed a petition in Case No. 10-RC-630. The petitioner and the Company entered into a "Certification upon Consent Election." On June 30, 1949, an election was held in which the union received 73 votes and there were 33 "No" votes. The Company recognized this union and an initial contract was signed on September 13, 1949.

That brings the situation up to the present petition by the Atomic Trades and Labor Council, A. F. of L., which was filed with the National Labor Relations Board on August 30, 1950, in Case No. 10-RC-1044. An informal hearing was arranged by the National Labor

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### Details For Balloting Will Be Announced On Plant Bulletin Boards

On next Tuesday, Wednesday and Thursday, February 13, 14 and 15, eligible employees at the Y-12 site will vote in an election ordered by the National Labor Relations Board. Representatives of the Company and the two unions concerned met with George S. Slyer of the National Labor Relations Board last Wednesday, January 31, to plan for the election.

In this election, Y-12 employees will determine whether they wish to be represented by a union in collective bargaining on matters of wages, hours and conditions of employment by voting for either of the two unions; or whether they wish to continue the direct relationship which has existed between employees and the Company through the supervisors by voting Neither.

#### Instructions To Be Posted

Details and instructions relative to the election to be held next week, such as eligible voters, polling places and time of voting will be announced by the National Labor Relations Board on the plant bulletin boards this week.

The choice to be made by the eligible voters will be from among the following:

Atomic Trades and Labor Council and its affiliated unions, including Lodge No. 480, International Association of Machinists, A. F. of L.

United Gas, Coke and Chemical Workers of America, CIO.

#### NEITHER.

If a majority of the votes cast in this election are for either of the unions, that union will represent all the employees in the bargaining unit. This is in accordance with Section 9 (a) of the Labor-Management Relations Act, which reads as follows:

#### How Labor Law Reads

"Representatives designated or selected for the purposes of selective bargaining by the majority of the employees in a unit appropriate for such purposes, shall be the exclusive representatives of all the employees in such unit for the purposes of collective bargaining in respect to rates of pay, wages, hours of employment, or other conditions of employment."

All employees eligible to vote are in the bargaining unit.

If the majority of the votes cast are for NEITHER, the present direct relationship between employees and the Company will continue.



# The Bulletin

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## Y-12 Absentee Mark Stays At Two Per Cent

Continued from Page 1  
departments with "all present" records for the week ending January 28 were repeaters from the previous week. They were Property Sales, Employee Relations, Research Services and Steam Plant. Joining them in a tie for first place were the Cafeteria, Superintendents, Receiving and Shipping and Uranium Control and Computing. These departments advanced from second, third, sixth and 13th places held the preceding week.

The General Maintenance Office one of the first place groups for the week ending January 21, dropped to second place the following week with an absentee mark of .9 per cent. In third place was Health Physics and Hygiene with an even one per cent of its personnel absent. It was in fifth place the preceding week.

The plant-wide absentee record for the week ending January 28, by departments, follows:

MAJOR LEAGUE More Than 50 Employees Scheduled			
Dept.	Absent	Percentage	Standing
			1-28-51 1-21-51
2077	0.3	1	1
2619	1.1	2	4
2015	1.20	3	5
2616	1.23	4	6
2091	2.4	5	2
2014	2.48	6	10
2283	2.50	7	3
2003	2.8	8	7
2282	3.3	9	9
2142	3.5	10	8

Group absentee percentage was 1.9 per cent, remaining the same as the preceding week.

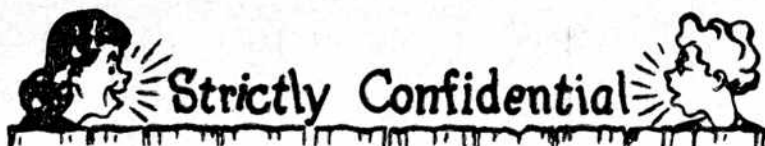
MINOR LEAGUE 15-49 Employees Scheduled			
Dept.	Absent	Percentage	Standing
			1-28-51 1-21-51
2145	0.0	1	1
2109	0.0	1	1
2018	0.0	1	1
2743	0.0	1	1
2107	0.0	1	2
2200	0.0	1	3
2143	0.0	1	6
2739	0.0	1	13
2002	0.9	2	1
2108	1.0	3	5
2064	1.17	4	1
2090	1.17	4	1
2008	2.3	5	9
2133	2.7	6	4
2046	3.0	7	7
2060	4.3	8	8
2001	4.6	9	10
2096	6.1	10	11
2005	6.2	11	12
2144	17.6	12	12

Group absentee percentage was 2.3 per cent, .1 per cent higher than the preceding week.

The plant average for the week ending January 28 was two per cent, remaining the same as the preceding week.

## History Of Attempts To Unionize Told

Continued from Page 1  
Relations Board on October 24, 1950, at which the United Gas, Coke and Chemical Workers of America, CIO, appeared as an intervenor. An agreement could not be reached on an appropriate bargaining unit and a hearing was ordered by the National Labor Relations Board. This hearing took place in Oak Ridge on November 9 and 10 of last year. As a result of the hearing the National Labor Relations Board issued a Decision and Direction of Election on January 24, 1951. At a conference held on January 31, arrangements were made by the National Labor Relations Board for the election to be held February 13, 14 and 15.



At this writing it is Ground Hog Day and the sun is shining brightly. Legend has it that the little critter is supposed to wake up on this day and peek outside to see what it is all about—the weather, of course. Then, continues the tale, if he sees a shadow he gets scared and goes back to bed and—for some reason some folks assert this means at least six more weeks of winter. However, there is a lot of debunking going on of Mister G-Hog, with some scientists saying he ain't got sense enough to have anything to do with the weather. Well, no self-respecting G-Hog would have stuck his head out in that cold last Friday nohow. Even his shadow would have frozen.

The Research Engineering Department folks are missing Idana Devinish, who terminated recently to devote her time to home-making. . . . The department welcomes Jean Marie Hull and Lloyd Vernon Wilson to the roster.

Dr. C. R. Sullivan, Jr., Y-12 Medical Director, attended a medical meeting in Pittsburgh, Pa., Monday and Tuesday of this week.

The department welcomes Cordia Bledsoe and Barbara Jackson to its roster. The former is a veteran Y12er in point of service, leaving some time back to be with her husband at Fort Lewis, Wash.

T. R. Smith, of the Guard Department, and his wife are visiting their son and his wife's relatives in Georgia while on two weeks of vacation. . . . Clell Cotter and his wife are visiting her relatives in West Virginia while on two weeks of vacation.

Alma Shaw, of the Isotope Research and Production Division, spent the week with her brother in Williamsburg, Ky. . . . Paul Dunn attended the Physical Society Meeting in New York City, last week. Because of bad weather conditions, other Y-12ers scheduled to go via air had to cancel the trip.

Harold Babb, of Maintenance Shops, had his brother, Pfc. Dennis Babb, and a friend, Pfc. Raymond Flowers, as recent week end guests. The boys stopped by on their way to San Antonio, Tex., where they will begin basic training in the United States Army.

The folks in the Cafeteria and Canteens Department wish to express sympathy to Thomas Goss and the family over the death of his father last week in Commerce, Ga. . . . And congratulations to Edward Gregory who became the proud father of a baby girl on February 1. The baby, whom they named Newana, weighed six pounds and 12 ounces when she arrived at 12:10 p. m., at the Oak Ridge Hospital.

Floyd Hyatt, of the Fire Department, is spending a two-week vacation around home in Oak Ridge.

The members of the Property Sales Department welcome Floyd McClure to the roster.

Coming back to that matter about which Mark Twain once said everybody talked about but did nothing to improve—the weather again—a vendor of can openers would have gotten rich last Thursday at the North Portal, likewise at East and West, opening automobile doors that had frozen shut when the rain of that morning froze in the icy blasts of the afternoon. The foul day—not fitted for man nor beast—caused a lot of detouring by Y-12ers with some Oliver Springs folks having to go home via Kingston and Harriman because of the high water. That's like going to Strawberry Plains via Sarasota.

Pfc. David T. Normand has been visiting his parents, Dr. Charles E. Normand, of the Isotope Research and Production Division, and Mrs. Normand, in Oak Ridge, while on a 10-day leave from the Marine Corps in Paris Island, S. C.

The Analytical Laboratory wel-

comes Stanley Cole to the roster and extends get-well wishes to Vera Spickard.

The Receiving and Shipping Department welcomes E. W. Buchfield and L. H. Wilkerson to its roster.

The Manufacturing Offices wishes Pearl Patty, who is ill with the flu, a speedy recovery.

The folks in the Health Physics and Hygiene Department wish to welcome Mary E. Stooksbury and Helen Ivens to the roster.

Congratulations to Bob Foley, of the Uranium Control and Computing Department, who is now the proud papa of a baby girl, Linda Brown Foley, who was born February 1 at the Oak Ridge Hospital, weighing five pounds and 11 ounces. . . . Folks in the department are already missing Hallie Leicht, who left last week end to join her husband in Alabama, where he has accepted a job after finishing school at the University of Tennessee.

The Stores Department welcomes Betty Leonard to the roster.

While on a week of vacation Evan Means, of the Electrical Maintenance Department, is spending a few days with relatives in Norwood, Mo. Then he is returning to Nashville, Tenn., to attend the Tennessee Conservation League Convention, on February 8 to 10. . . . Get-well wishes to George Oliphant and M. E. Kitchens, who are in the Oak Ridge Hospital. . . . C. A. Gregory went down to Chattanooga one day last week to bring his daughter home and en route had an automobile accident because of road conditions. There was some damage to the car but, we are happy to report, no one was seriously injured.

The Chemical Department extends sympathy to T. W. Berry over the death of his mother last week in Knoxville.

Then there's that weisenheimer Y-12er who says he is going to combine atomic defense and winter weather defense in one fell swoop. He plans to tell some Smoky Mountain b'ar to move over in his hollow tree and then take possession of the refuge and hibernate through any A-Bomb attack and Old Man Winter's wintry blasts. Wonder what the bear will say?



## THOMAS - KIDD

Miss Betty Thomas, daughter of S. F. Thomas, of the Y-12 Property Sales Department, was married at 8 o'clock last Thursday night, February 1, to Herbert F. Kidd, of Alger Road, Oak Ridge.

The wedding was performed at the home of the parents of the bride at Oliver Springs. The Rev. Mr. Sherwood, of Oliver Springs, officiated at the ceremony.

The bride was given in marriage by her father. She wore a white dress with blue accessories.

The couple will live in Kingsport, Tenn.



Three Y-12 employees were listed as fathers of baby girls born at the Oak Ridge Hospital last week. The fathers and date of births of their daughters are John M. Googin, Chemical, January 29; Edward E. Gregory, Cafeteria, February 1; and Robert J. Foley, Uranium Control and Computing, February 1.



Y-12 Photo By Vince Moore  
THE 1951 BOARD OF DIRECTORS OF THE Y-12 EMPLOYEES Credit Union is pictured above. Seated is Miss Trasda Joiner, Wage Standards. Standing from left are K. O. Johnson, Isotope Research and Production; Evan Means, Electrical Maintenance; Joe Williams, Isotope Research and Production; Chester Eads, General Maintenance Office; Don Phillips, Materials Chemistry Division; and C. A. Cooper, Wage Standards. After being elected by the general membership, the board of directors selected Phillips as president, Johnson vice president, Cooper treasurer and Miss Joiner secretary.



Y-12 Photo By Vince Moore  
THESE MEMBERS OF THE CREDIT COMMITTEE OF THE Y-12 EMPLOYEES Credit Union will pass on loan applications made during 1951. From left are Gordon Fielden, Electrical Maintenance; George L. Stukenbroeker, Isotope Research and Production; and Lewis Childs, Electromagnetic Research Division. Inserted, left, is Paschal Hamrick, Employee Relations; and right, C. O. Johnson, Maintenance Shops. Hamrick, Fielden and Childs are regular committee members and Johnson and Stukenbroeker are alternates.



Y-12 Photo By Vince Moore  
THE SUPERVISORY COMMITTEE OF THE Y-12 EMPLOYEES Credit Union is shown above. From left are Ward Foster, Research and Development; Clarence Johnson, Safety; and Nelson Tibbatts, General Maintenance Office.

## L. S. U. Professor To Address Physics Seminar On Friday

After a week of inactivity because of the American Physical Society meeting in New York that was attended by a number of Oak Ridge scientists, the Oak Ridge Physics Seminar will resume sessions this week. The meeting will be held at 4 o'clock Friday afternoon, February 9, in the East Lounge of the Ridge Recreation Hall.

Dr. Stanley Bashkin, of the Louisiana State University faculty, will speak at the session. His topic will be "Scattering of Neutrons By Helium."

Patting yourself on the back won't push you forward.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: William G. Vann and Will R. Kelly, Stores; Archie D. Douglas, Maintenance Shops; George W. Oliphant and Millard E. Kitchens, Electrical Maintenance; Kenneth E. Caughron, Utilities Maintenance; Charles J. Beckett, Field Maintenance; Carl Oody, Buildings and Grounds; Vivian S. Potter and Wanda M. Anderson, Analytical Laboratory.

"No smoking" means just that.



# Y-12 SPORTS NEWS



6-2294  
**THESE BOWLERS ON THE ISOTOPES TEAM OF THE D League hold a tie for first place in the loop. Seated, from left, are Paul Wilkinson and Bill Prater while standing are C. W. Sheridan, George Banic, captain; Leo Caldwell and Tom Stephens.**

## Y-12 Fishing Contest For 1951 Now Open; Anglers Landing Largest Fish Get Prizes

You Y-12 fishermen—and fisherwomen—have been asking for it—so here it is.

It is the Carbide Y-12 Fishing Contest—open as of now and closing at midnight December 31, 1951. Prizes will be awarded the Y-12 anglers with the first, second and third largest specimens in each of several species of fish. There will be no entry fee—but affidavits and pictures of each catch entered must be submitted to the Recreation Office.

The contest will be open to all Y-12 employees, but not to other members of their families. This will include employees in the Electromagnetic Research Division, Isotope Research and Production Division, Materials Chemistry Division, Analytical Chemistry Division and the ANP Project who do not participate in any other Carbide fishing contest.

### Eligible Fish Listed

Fish eligible for the contest are largemouth, smallmouth and striped bass, walleyed and sauger pike, crappie, blue-gill bream, rainbow trout and rough fish (carp, drum and catfish).

The fish must be caught on rod and line and may be played by only one person. They also must have been taken during the legal season only. No fish caught in a hatchery or privately owned waters not open to the public will be eligible for the contest.

### Florida Bass Are Barred

Largemouth bass caught in Florida will not be eligible in the contest and only trout caught in the state of Tennessee or the Great Smoky Mountains will be considered. Fish caught in salt water or outside the continental limits of the United States will not be eligible for awards.

Entry blanks for the contest may be obtained at the Recreation Office, North Portal, and this blank and affidavit, signed by a witness, or an exact copy, must be filled out completely and filed with each fish entered in the contest. A clear photograph of the fisherman posing a side view of his catch also must accompany each entry.

### One Prize For Division

No contestant will be awarded more than one prize in each division and in the event of two or more entries being identical in size and measurements, identical awards will be made to each entrant. However, individual fishermen may submit as many entries as they desire.

A similar contest for Y-12 fishermen was announced in 1948—with but one fish being entered throughout the season. However, several Y-12ers have requested that a contest be staged this year so the Recreation Office is hopeful that the response this year will be good.

## Pick Ups, Isotopes Tied; Scores Are High

The Pick Ups split the Splinters wide open for a four-point whitewash victory to advance into a tie with the Isotopes in D League bowling activities last week as the Isotopes could only skim three points away from the Angstroms. Meanwhile the Old Men took several steps up the ladder by blanking the Toppers and the Strikers came through with a three-point win over the Cermets.

High single games for the entire evening were posted by Bill Prater, rolling for the Isotopes. He smacked down 257 pins for his scratch score and increased the tally to 286 with handicap. Frank Gragg, of the Strikers, had the high scratch series score of 577, for tops of the second half of the season. The 657 handicap series by Roy Garlich, of the Pick Ups, also was tops for the second half of the season.

Aided by Prater's top tallies, the Isotopes set second half of the season scoring marks in single game scoring with a 891 scratch and 1,089 handicap count. The Strikers came through with a 2,496 scratch series for tops of the night and the Pick Ups had a 2,966 handicap series for best of the second half of the season. Right behind them were the Old Men with a 2,965 handicap series.

### League standing follows:

Team	W	L	Team	W	L
Isotopes	15	5	Old Men	9	11
Pick Ups	15	5	Angstroms	8	12
Cermets	10	10	Splinters	7	13
Strikers	10	10	Toppers	6	14

## Kemps Set Record Scores To Swamp Woes In W Loop

The Kemps had a big night in the W League last week to sweep three games from the Woes, first half of the season winners, and establish some high scoring records for the season while doing so. The Cracker Jax tried hard to keep pace but could only take a pair from the Controllers. The Hi Balls stirred the Mix-Ups, the new entry in the loop, by the same margin.

The Kemps posted high scores for the season with a 712 scratch

## Monday Deadline For Entering Y-12 Plant Bowling Tournament; Men's Varsity, Six Plant Teams Will Compete In City Contest

### Cards Close Loop Season With Two Tilts In Week; Y-12ers Top Clinton, Vagabonds

Riding on a crest of a two-game winning streak in the Oak Ridge City League, the Y-12 Cardinals will wind up their loop schedule with a game at 8:30 o'clock tonight against the rangy Central Service quintet and another clash at 6 o'clock next Monday night against the Nats of the Oak Ridge National Laboratory. Both of these engagements will be staged on the hardwood of the Jefferson Junior High School.

#### Clinton, Vagabonds Victims

The varsity basketballers took their two victories last week from Clinton and the Vagabonds, the latter team being the only loop quintet the Cards had been able to defeat all season up to last Wednesday night. The red and white trimmed Clinton by 43 to 36 and the Vagabonds by 45 to 37.

The Cards had to win the hard way against Clinton, coming from behind a 20 to 19 deficit at half-time to take a 28 to 24 lead at the three-quarter pole. A 15 to 12 edge in the final period insured victory for the Y-12ers.

#### Garrett, Kirkwood Top Scorers

Against the Vagabonds it was just the reverse, as the Cards jumped out to a 20 to 4 lead in the first quarter and coasted the rest of the way, although the Vags tried valiently to catch up. Everything Charley Kirkwood and Jack Garrett tossed in the general direction of the basket hit in that first period and the pair ended up with 20 and 12 points respectively. Against Clinton Garrett bagged 21 points and Kirkwood 14. Good support were given the scoring lads by Sherrod, Simmons, Garland, Marlar, Barker and Johnson in the two tilts.

Meanwhile the Y-12 Robins did a good job in the preliminary of the Card-Vagabond game by handing the NEPA lassies a 34 to 26 defeat. Helen Brown and Ruby McGinnis were top scorers for the victors with 20 and nine points respectively.

## Y-12 Cue Wielders Wallop ORNL, 4-1; Tied For Second

The cue wielders of Y-12 pocketed a four to one win over the Oak Ridge National Laboratory stickmen last Sunday night on the Jefferson tables to gain a tie for second place in the Atomic Pocket Billiards League. The K-25 Carbons, leading the loop with 15 wins and five losses, dropped two out of three points to the K-25 Carbides, leaving the Carbides tied with Y-12 at nine wins and 11 losses each. ORNL is in the cellar with seven wins against 13 losses.

In the matches Sunday night Y-12 victories were gained by Walker over Scott 75-48, Weiss over Odum 75-62, and Burnett over Snapp 75-50. The lone ORNL win was by Goldsten over Hancock 75-68. Y-12 also won total points of 293 to 235.

The Y-12 team will meet the Carbides next Sunday night and the Carbons play ORNL.

game, 964 handicap game and 2,824 handicap series. Their 2,068 scratch series was tops for the night. The Cracker Jax were close behind with a 956 handicap game, 1978 scratch series and 2,812 handicap series. The Mix-Ups also had a fine scratch game of 693.

Mavis Koons, rolling for the Kemps, had the best series scores of the entire season with a 476 scratch and 623 handicap series. Mary Ballard, of the Cracker Jax, had the best scratch game of the night with 178 and Desma Hutcherson the best handicap game of 225.

### League standing follows:

Team	W	L	Team	W	L
Kemps	14	1	Controllers	5	10
Cracker Jax	12	3	Mix-Ups	4	11
Woes	6	9	Hi Balls	4	11

## Hooks Forge To Front In C Plant Pin Loop

The Hooks jumped out in front of the pack in the C League of plant bowlers last week by burying the Moles under a four-point whitewash while the Short Circuits and Orphans were being trounced by the Hornets and Hurricanes for four and three points respectively. In the other league encounter the Thin Pins bumped off the Guard by four points.

Earl Panter, of the Hooks, took most of the individual scoring honors of the night. He rolled a 214 scratch game, boosted it to 264 with handicap and went on to post a 631 handicap series. His 264 handicap game was tops for the second half of the season in the league. Joe Dunlap, of the Orphans, got into the scoring spotlight with a 510 scratch series.

The Hooks and Hornets hogged most of the team tallying honors. The loop leaders rolled an 808 scratch game with the Hornets close behind with 792. The two teams then tied for handicap game with 995. The Orphans squeezed out the best scratch series of 2,275 with the Hooks right behind with 2,244 and the Hornets having 2,243. The Hornets had a 2,852 for best handicap series of the night and third high for the second half of the season.

### League standing follows:

Team	W	L	Team	W	L
Hooks	17	7	Hornets	13	11
Short Circuits	14	10	Hurricanes	11	13
Orphans	14	10	Guards	8	16
Thin Pins	14	10	Moles	5	19

## All Stars Take Top Spot In B League

The All Stars forged to the front in the B League last Thursday night by knocking off the One-91 keggers for four points while the lowly Maintenance team dealt the previously league-leading Wolves the same sort of trimming. The loss dropped the Wolves into a tie with the Rippers for second place as the latter team broke even with the Bumpers.

In other league matches the Bums stung the Wasps for four points, the Tigers twisted the Comets' tail for three and the Cubs curbed the Head Pins by the same margin.

Nelson Tibbatts got the best game scores of the night, a 222 scratch and 249 handicap mark. Roy Roberts, rolling for the Comets, splashed a 583 scratch series on the sheet for tops of the night, and Dave Crouse, of the Bums, inked a 651 handicap series.

The Rippers posted the best team game score of the session with a 903 scratch, boosted to 1,025 with handicap. The Wolves came through with a 2,483 scratch series and the Bums took handicap series honors with 2,897.

### League standing follows:

Team	W	L	Team	W	L
All Stars	27	13	Comets	20	20
Wolves	25	15	Wasps	17	23
Rippers	25	15	Bumpers	16	24
Head Pins	23	17	Cubs	16	24
Bums	22	18	One-91	15	25
Tigers	21	19	Maintenance	13	27

**More Sports News  
On Page Four**

## 42 Handsome Trophies, Cash Prizes Offered In Plant-Wide Meet

The throngs of bowlers — both men and women—around Y-12 are pointing their games for tournament time. Four of these events are facing Y-12 keggers and keglerettes—the Y-12 Plant Tournament for male bowlers, the city tournament for men, the women's state and the Oak Ridge women's jousts.

The big one right now is the Y-12 Plant Tournament to be held Saturday and Sunday, February 24 and 25, at the Oak Terrace. Preceding this affair the men's city dueling will be held at the same locality February 10, 11, 17 and 18. The women's state contest is set for March 3, 4, 10 and 11 and the city tourney for women will be held April 14, 15, 21 and 22.

The deadline for entering the Y-12 Plant Tournament is noon next Monday, February 12. The entry fee for this event is \$2 per man per event with \$1.10 being for prize money and the remaining 90 cents for bowling fees. The entry fees must be paid at time of entering.

### 42 Trophies Offered

In addition to the prize money as an incentive to the plant bowlers, a total of 42 handsome trophies will be awarded to members of winning teams and high scorers in singles, doubles and all events.

The plant tournament will be on a handicap basis with handicaps prevailing February 1 effective. Any male Y-12er is eligible to enter who has bowled 15 or more games in any one of the three plant leagues or any other league sponsored by the American Bowling Congress.

### Seven Teams In City Meet

The men's city tournament has drawn entries by the Y-12 men's varsity team and six plant league teams. The latter are the Wolves, Bums, All Stars and Head Pins, of the B League; and the Short Circuits and Hornets of the C League. The varsity team members will compete in doubles and singles with the doubles pairings being Frank Gragg-Conrad Roberts, Ernie Cobble-Walt Sherrod and Nelson Tibbatts-Elmore Koons. Whether the plant loop keggers will enter singles and doubles events could not be determined last Friday.

The Y-12 women's varsity team has entered both the state and city tournaments.

## Robins Top Athens Lassies By 57-17 In Blistering Tilt

The Y-12 Robins turned in their most impressive victory of the season last Friday night down at Athens, Tenn., when they walloped the home town team there by the lop-sided margin of 57 to 12.

The Athenians made a game of it for the first quarter, trailing then by only 7 to 4. Then the Robins began flying high and had a 29 to 8 half-time margin. This was increased to 38 to 10 at the end of three quarters and the Y-12ers continued to pour it on to get 19 points to two in the last chapter.

Ruby McGinnis led the Y-12 scoring with 17 points, closely followed by Helen Brown with 16. Helen Aikman got 13.

A scheduled game for the Robins against Nashville Business College there Sunday was called off because of travel conditions.

The oxy-acetylene process has been used for the fire finishing of granite. It gives a new and desirable stepple finish to facing stone and to fences and gate pillars.



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## Still Life Photography Contest; Lecture To Mark Carbide Camera Club Meet

A contest on still life and table top photography and an illustrated lecture on still life photography will feature the next meeting of the Carbide Camera Club at 7:30 o'clock next Tuesday night, February 13. The meeting will be held in the Camera Club headquarters, East Portal Building, Y-12.

Mrs. Mary Charlton, Associate Professor of the Related Arts and Crafts Section of the College of Home Economics of the University of Tennessee, will give the lecture. She will explain composition, lighting and set-up techniques. Mrs. Charlton also will judge the prints entered in the contest.

### Prizes To Be Donated

Prizes for this competition and others to be held throughout the year are being donated by J. D. Foster, of the Loveman's Store photography shop, and by Bert Thompson, of the Snap Shop, in Knoxville.

Winning prints in the black and white photographic contests will be exhibited at the Loveman's store in Oak Ridge.

Joe Lundholm, of the Oak Ridge National Laboratory and president of the club for 1951, will be custodian of the dark room at the club headquarters in Y-12 from the February meeting to the next meeting on March 13. His home telephone number is 5-6538 and office telephone number is 6342.

Here is how the dark room of the club and its facilities may be used: First, make reservations in advance with Custodian Lundholm for the days or nights desired during the month. Then present membership card to the Y-12 Guard at the Y-12 North Portal and obtain key to the dark room. After enjoying the privileges of the dark room, be sure to clean it up and then return the key to the Y-12 Guard on leaving.

## ORINS Keglerettes Blank Y-12 Feminine Bowling Team

The women's varsity bowling team of Y-12 was shut out last Thursday night in their City League engagement against the Oak Ridge Institute of Nuclear Studies keglerettes. It was the first whitewash defeat of the year for the Y-12ers who could only score 670, 598, 681-1,949 to 714, 657, 718-2,098 for the victors.

Betty Whitehorn posted scores of 157, 134, 131-422 to pace the Y-12ers. She was followed by Juanita Reed 154, 113, 129-396; Katie Williams 154, 104, 131-389; Olyne Kappelmann 107, 125, 144-376; and Oradean Upchurch 98, 122, 146-366.

## Recreation Loop Teams Play Twice

Y-12 teams in the Oak Ridge Recreation League make only two appearances on the hardwood this week. The Pick Ups are slated to meet the AEC cagers at 8 o'clock Thursday night, February 8, on the Jefferson hardwood. At 7 o'clock Friday night, February 9, the Speckled Birds meet the ORNL Red Birds at the high school gymnasium.

The Y-12ers fared badly last week. The Pick Ups were forced to forfeit a pair to the Plexies and ORNL Red Birds when unable to field a team. The Barber Buick quintet took a 26 to 19 victory over the Speckled Birds.

### JAMIE GOODMAN SAVES BOY WHO FELL INTO ICY POND SUNDAY

Jamie Goodman, the very fine pastry cook at the Y-12 cafeteria, is credited with probably saving the life of a 10-year-old boy Sunday afternoon. The youngster, with two playmates, were skating on an ice-covered pond in front of the Goodman home, 166 Revere Circle. The ice cracked and the trio were dunked into the cold water. Goodman came to his door just as the 10-year-old was going under the surface after having aided his two younger companions to safety. The Y-12er dashed to the pond, waded in and dragged the lad to the bank. A thorough soaking in icy water was said to be the only harm incurred by Goodman and the three boys.

## Chemistry Of Phosphorescence Topic On Headline Program

"Chemistry of Phosphorescence" will be described in a radio talk over Oak Ridge Station WATO at 9:15 o'clock Sunday night, February 11, by Howard W. Behrman, of the Atomic Energy Commission. The talk will feature the weekly Headlines in Chemistry program sponsored by the East Tennessee Section of the American Chemical Society.

The history and types of phosphorescence will be outlined by the speaker who also will tell how it can be artificially produced and why. Applications to military use and its importance in night driving when used in reflector signs likewise will be discussed.

W. J. Wilcox, of K-25; and C. Bramblett, of AEC, will be co-hosts on the program.

## Analytical Chemistry Group To Meet Thursday Night

All Y-12 members of the Analytical Chemistry Group of the East Tennessee Section of the American Chemical Society are urged to attend a meeting of the group at 8 o'clock Thursday night, February 15. The meeting will be held in the auditorium of the Jefferson Junior High School.

Dr. Bert L. Vallee, of the Massachusetts Institute of Technology, will be the guest speaker. His topic will be "Developments in A Backward Field-Traced Metals in Biology."

### WARNING GADGET ISSUED

According to the New York World Telegram and Sun, the Polaroid Corp., Cambridge, Mass., has developed a matchbook size atomic exposure warning device. It is officially known as the radiation dosimeter and will be issued to all military personnel and "possibly to civilians in dangerous areas."

# Big Tanker Carries Carbide Chemicals From Texas City Port To Modern New Jersey Terminal; Company Also Uses Many Barges

By T. W. RODES

Editor's Note: Many Carbide readers at Oak Ridge will remember "Bill" Rodes, who left here in 1949 to take over at Carteret as owner's representative at the Carteret Shipping Terminal. He cooperated in preparing this story as one of a series describing the various plants and facilities of Carbide. In commenting on this story, Rodes had this message for the people of Oak Ridge, "We here at Carteret would like to feel that Carbiders at Oak Ridge look upon the operations with pride similar to that we hold for the magnificent accomplishments 'down there' at Y-12, K-25, and the Oak Ridge National Laboratory."

The windows of Carbide's office at the Carteret Terminal overlook the Arthur Kill, a small river that separates New Jersey from Staten



T. W. Rodes

Island, N. Y. From these windows, it is an impressive sight to see the SS R. E. Wilson, laden to its deep water marks with Carbide's chemicals and American Oil Company's petroleum products, steam down the stream and make

neuver to berth at the dock of the Carteret Terminal. The Carteret Terminal operation is the outcome of planning that began about the same time the Texas City, Tex., plant of Carbide and Carbon Chemicals Division of Union Carbide and Carbon Corporation was on the drawing boards. The development of the terminal idea was delayed because of World War II. During that time Carbide gave priority to many projects such as the atomic energy and synthetic rubber programs. **Terminal Started In 1949**

After the war, the terminal plan



was again brought to light and it became a going business in the latter part of 1949. During that year arrangements were made for storage tanks and shipping facilities at Carteret, a tanker was converted for chemical transport, and at Texas City all of the necessary storage tanks, pipe lines, docking and loading equipment were installed.

At Carteret, a modern two-story building had been erected to house drum and can filling equipment and other shipping needs. This building is 100 feet by 200 feet, with loading platforms along one side. One end has built into its design many up-to-date mechanical features including powered conveyor systems planned for top efficiency in handling large numbers of drums and cans.

### Can Make Rapid Deliveries

With these facilities, large inventories of many chemicals can now be held in bulk storage at the terminal. From these stocks, rapid deliveries can be made to customers in the New York Metropolitan area by barges, tank cars, tank trucks, or in drums and can by rail or truck. On a typical day at the Carteret Terminal the list of shipments might include a barge, possibly 20 tank trucks, six to 12 tank cars, and a dozen cargo trucks.

"Prestone" and other antifreezes are mixed at the terminal from basic ingredients brought in by the tanker. On complete and modern canning lines these products are packaged in one-gallon and one-quart cans which are shipped out in cartons by rail and trucks to hundreds of jobbers and dealers.

### Carbide Pioneer In Field

While the water transportation by tankers has for a long time been a general practice in the petroleum industry, it has not up to now been used widely for the types of chemicals made by Carbide. It is not surprising, however, that Carbide should add it to a long list of new ventures for it has long since established a reputation for being pioneers in many fields of industry.

One of the most interesting phases of Carbide's chemical transport operations is the tanker itself—one of few in this kind of service. Now named the "R. E. Wilson," the ship is one of nearly 500 tank vessels of the basic design known as T-2, built in the early 40's for the War Shipping Administration. She was christened "S.S. Monocacy" at the time of her launching at Sun Shipbuilding Co., Chester, Pa., in 1943. Her hull was assembled by the "Union-melt" welding process through which our associated company, "Linde," greatly speeded wartime shipbuilding operations.

### Carried Fuel In War

During the war, the ship carried fuels and oils for the armed forces to the Persian Gulf, Africa, South America, Europe and the islands of the Pacific.



**AT TOP CREW MEMBERS** of the Carbide tanker "R. E. Wilson" coil one of the giant hoses used in filling the ship with chemicals at the Texas City, Tex. plant. Below is a picture of the ship anchored at Bolivar Roads, just off Galveston.

After the vessel was converted for Carbide in 1949, many modifications were made. Individual pumps and transfer lines were installed for each of the new chemical cargo tanks. A radar installation was added to complete the modern selection of navigating equipment. Machinery improvements were made and a thorough painting job was done from stem to stern.

### Dimensions Are Given

The Wilson has an overall length of 523½ feet and a displacement of 21,880 tons. Her beam is 68 feet. The center cargo tanks which are used for chemical transportation have a capacity of over 2,000,000 gallons. Wing tanks carry 2,750,000 gallons of petroleum products. With this full load, she draws 30 feet of water.

The engine room is located in two aftermost watertight compartments. Her giant steam turbine is directly connected to an electric generator that feeds the 6,000 horsepower main driving motor that pushes the propeller shaft and its four-blade propeller, 19½ feet in diameter.

Steam is supplied by two oil burning boilers, each designed for normal generation of 32,000 pound of steam per hour at 450 pounds pressure.

### Crew Has 40 Members

The sea speed of the tanker, fully loaded, is 15 knots, but when called on, she has hit it up to 19 knots. To date, the record time for the 1,900-mile voyage from Texas City to Carteret is four days and 20 hours. The round trip, including loading and unloading, is usually made in about 12 days. The ship is manned by a crew of 40, comfortably housed, and they really are well fed. At the terminal the Carbide staff numbers eight men.

In addition to the tanker Carbide has a fleet of 22 barges for chemical transport, including seven tank barges, and 15 compartment barges. These for the most part ply the Mississippi, Ohio, Kana-wha and Illinois rivers, carrying Carbide's chemical products between our plants and to customers throughout the middle west.

## Good Eating

Recipe Recommended By  
Good Housekeeping Magazine

### SALMON SHEPHERD'S PIE

Six pared medium potatoes, one one-pound can salmon, one can condensed cream of tomato soup, five crumbled soda crackers, one tablespoon melted butter or margarine.

Heat oven to 450 degrees Fahrenheit (hot). Boil and mash potatoes or use three and one-half cups of leftover mashed potatoes. Flake salmon into greased 10 inch by six inch by two baking dish. Spread undiluted mushroom soup over salmon. Then pile mounds of potatoes on top of the mixture. Sprinkle with crackers and butter, combined. Bake at 450 degrees Fahrenheit for 25 minutes or until light brown. Makes four servings.